

# Fundamentals of Piezoelectric Sensorics: Mechanical, Dielectric, and Thermodynamical Properties of Piezoelectric Materials

By Jan Tichý, Jirí Erhart, Erwin Kittinger, Jana Prívratská



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Presents the fundamental physics of piezoelectric sensors.

Only book with this scope Targeted to those engineers, phycisists and chemists who are involved in materials processing, device design and manufacturing.

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- Published on: 2010-07-28
- Released on: 2010-07-28
- Format: Kindle eBook

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### **Editorial Review**

#### From the Back Cover

Understanding of basic phenomena connected with electromechanical properties of solid materials. Overview of electromechanical (piezoelectric, ferroelectric, electrostrictive) properties of materials representing different classes of solids (pure piezoelectrics, ferroelectrics, ferroelastics and higher order ferroics, crystals, ceramics, composites, thin films, and so on) and macroscopic description of how their electromechanical features relate to other macroscopic properties.

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#### Vincent Overly:

The experience that you get from Fundamentals of Piezoelectric Sensorics: Mechanical, Dielectric, and Thermodynamical Properties of Piezoelectric Materials is the more deep you excavating the information that hide in the words the more you get interested in reading it. It doesn't mean that this book is hard to comprehend but Fundamentals of Piezoelectric Sensorics: Mechanical, Dielectric, and Thermodynamical Properties of Piezoelectric Materials giving you thrill feeling of reading. The author conveys their point in certain way that can be understood by simply anyone who read that because the author of this book is wellknown enough. This kind of book also makes your own personal vocabulary increase well. So it is easy to understand then can go with you, both in printed or e-book style are available. We highly recommend you for having this kind of Fundamentals of Piezoelectric Sensorics: Mechanical, Dielectric, and Thermodynamical Properties of Piezoelectric Sensorics: Mechanical, Dielectric, and Thermodynamical Properties of Piezoelectric Materials instantly.

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